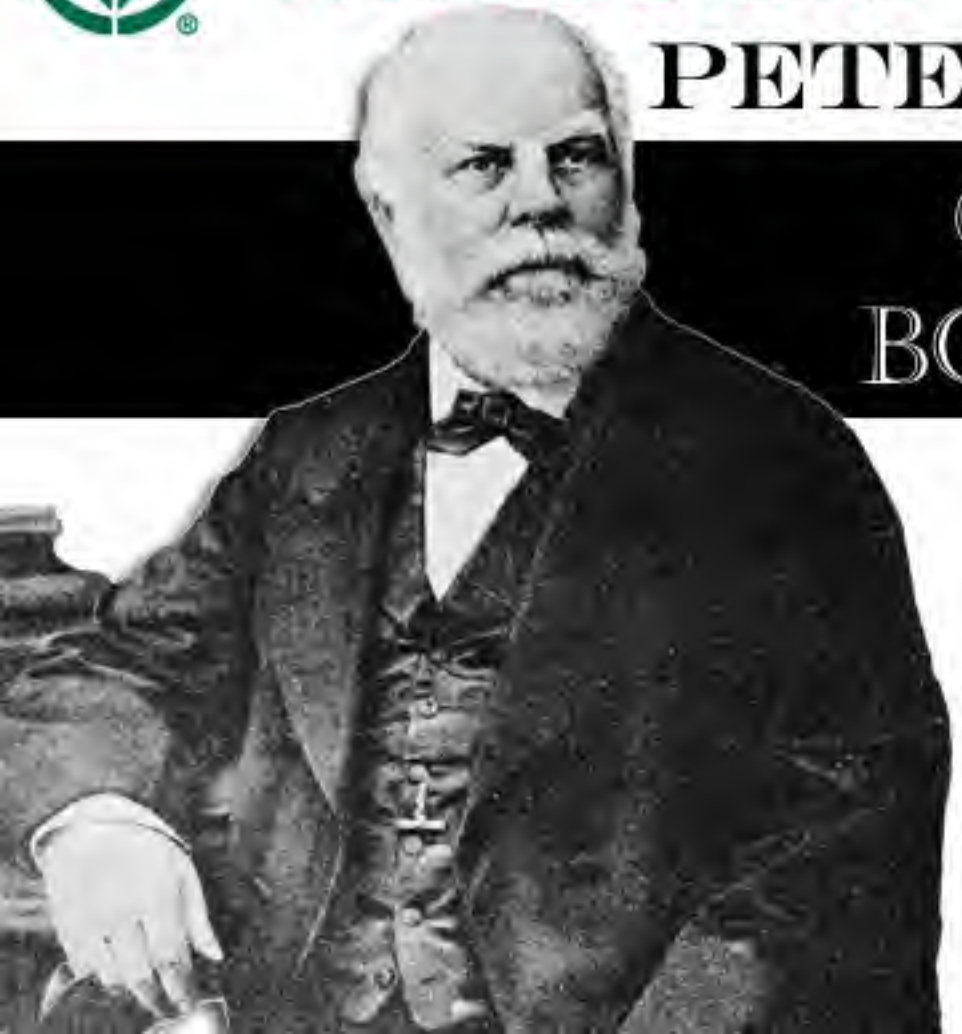
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



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In the Santa Lucias, I found Cupressuses growing in situations similar to those ~~above mentioned~~ in Marin County, on the ridges of the Santa Lucia Range and of its spurs in the southern part of Monterey County. As nearly as I can remember, the latter trees differed from those of Marin County in general appearance; only in growing closer together and being, as a consequence, more slender in their proportions

One grove I remember well – It was on the high ridge next the ocean – In opening the trail, the trees had been cut and dragged to either side and there they appeared to be 6 to 12 inches in diameter and 20 to 40 feet high

I was told of a certain grove, some distance from the trail – on a ridge 7 or 8 miles farther East where, it was said, the same kind of cypress were as slender as fishing rods

Where seen growing in groves, the lower branchlets had died early away leaving a comparatively tall, straight trunk.

Quite a number of these cypress trees I observed growing along the streams lower down, and standing widely apart and in these situations they attained a larger growth – some of them with trunks 2–3 feet in diameter – and the branches were long and spreading and rather low

Locally, this Cupressus is called Monterey Cypress

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G. A. Visey on the Santa Lucia Cypress

Jan 1882

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Cypresses
Those in Marin County were visited by me in 1875 and 1880 and were found growing - usually in small groves - on the ridges, and in the ravines near their summits, north of Mt. Tamalapais. G. R. Vasey

I think I have seen, in some description of the Marin County cypress, a statement that the spray or leaves are glaucous. I found this to be true of some of the trees and not true of as many others. The dark foliage with a bloom I then attributed to a more vigorous growth but my observations were not very close and I regret that I cannot furnish you with more minute details.

The trees in Marin County were 1 to 2 feet in diameter and 20-30 feet high, or some of them 40 feet high. G. R. Vasey

I made notes of my observations south of San Francisco and these were remitted to Prof. C. S. Sargent as my superior in office - They included a general description of the Santa Lucian Cypress which was seen to grow within the limits of 8 miles east and west and 12 or 15 miles north and south. It would be interesting to trace it to the north to ascertain whether it does not extend nearly to the old grove of Monterey Cypress at Cypress Point -

Very Truly Yours Geo R Vasey

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G A Vasey on the Marin Co Cypress
Jan 1882

G. A. Vasey

10825A
10825B
10825C

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scammonia Lin.
tricolor Lin. *plur. var.*
trichosanthes Michx.
undulatus Cav.
Ipomoea dasysperma Chois.
digitata Lin.
dissecta Prsh.
Hardingi Hort. Erf.
polymorpha R. S.
setosa Ker.
Pharbitis hederacea Chois.
hispida Chois.
Learii Lem.
nil Chois.
Quamoclit coccinea Mnch.
—*var.* luteola
vulgaris Chois.
—*var.* albiflora

COPULIFERAE

Quercus brutia Ten.
coccifera Linn.
cerris Linn.
cochleata Hort.
ilex Lin.
—*var.* Foordi

urbicum W. et B.
Webbi Hort.
youngianum W. et B.
Calanchoe aegyptiaca DC.
petitiana DC.
spathulata DC.
Cotyledon orbiculata Lin.
—*var.* farinosa
Crassula cordata Ait.
glomerata Lin.
lactea Ait.
perfossa Lam.
Echeveria abyssinica Hort.
agavoides Hort.
bracteosa Lem.
carinata Hort.
coerulescens Hort.
fulgens Hort.
glauca Hort.
globosa Hort.
grandiflora Haw.
linguaefolia Hort.
metallica Hort.
minor Hort.
pulverulenta Nutt.
pumila Hort.
racemosa Chmss.

hirsutum Bbrst.
leucadeum Guss.
maritimum Lam.
micranthum F. et M.
orientale Andr.
polycarpum Boiss.
szovitzianum F. A. M.
Arabis Allionii DC.
collina Tenor.
eschscholtziana Schrad.
glastifolia Rchbch.
heteromalla Schrad.
rigidula Jord.
sicula Huet. et Reut.
Todari Huet.
verna R. Br.
Aubrietia antilibana Boiss.
erubescens Grisb.
graeca Grisb.
tauricola Boiss.
Aurinia corymbosa Grisb.
media Fzl.
Barbarea bracteosa Guss.
intermedia Bor.
Biscutella calcarea Jord.
coronaria Ehrh.
depressa Willd.

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Cynocardamum Menziesii Endl.
Descurainia millefolium Ait.
Diplotaxis erucoides DC.
platystyla Willd.
Prolongi Boiss. et R.
scaposa Labil.
siifolia Dur.
tenuisiliqua DC.
Eruca cappadocica Reut.
orthosepala Lag.
turgida D. C.
vesicaria Cav.
Erucaria aleppica Gaert.
Erucastrum cossonianum Reut.
Erysimum andrzejoskianum Bes.
aureum Bbrst.
bonannianum Prsl.
canescens Bth.
durum Prsl.

incrassata DC.
lyrata DC.
maritima Desv.
—*var.* alba compacta
parviflora DC.
Matthiola bicornis DC.
graeca Sweet.
maderiensis Hort.
tricuspidata R. Br.
Moricandia hesperidifolia DC.
Myagrum perfoliatum Lin.
Nasturtium hispanicum Boiss. et Reut.
officinale R. Br.
Neslia commutata Bnc.
Notoceras canariense R. Br.
Pachypodium erysimoides Web.
Pteroneurum Cupani Jord.
Raphanus fugax Prsl.
gayanus Sweet.

—*var.* chinensis
Bryonopsis laciniosa Hisk.
—*var.* fruct ellipticis
Citrullus amarissimus Schrad.
colocynthis Schrad.
—*var.* macrocarpa
vulgaris Schrad.
Coccinia indica W. et A.
Cucumis arada Lin.
chate L.
chito Ndn.
Dudaim Lin.
Figarei Delil.
golugensis Hort.
melo Lin.
—*var.* cubensis
—*var.* pubescens
metuliferus Mey.
minutissimus Ndn.
pancherianus Ndn.

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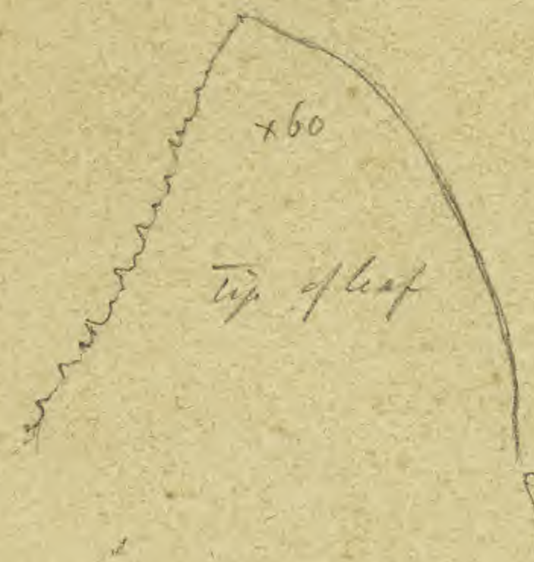
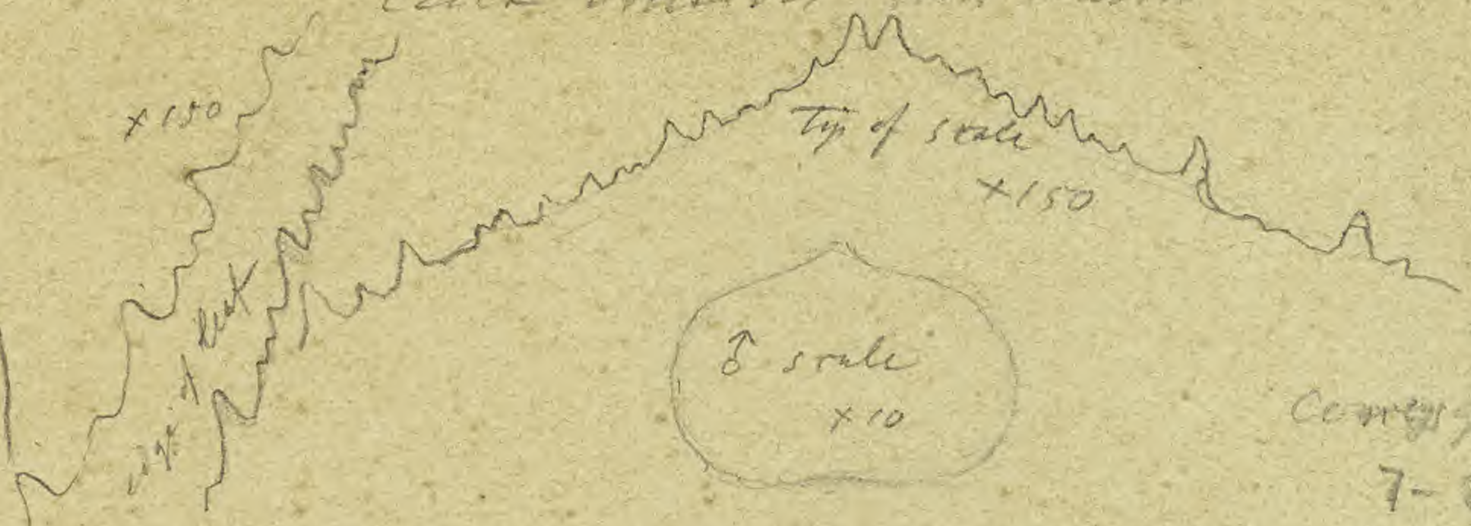
Nov 23 1881

Cyperus Grayioides
cult Atlanta Hort Thurst





Conveyed to Boise
7-8 lines diam
8 scales, bossy
obtuse, inner latter

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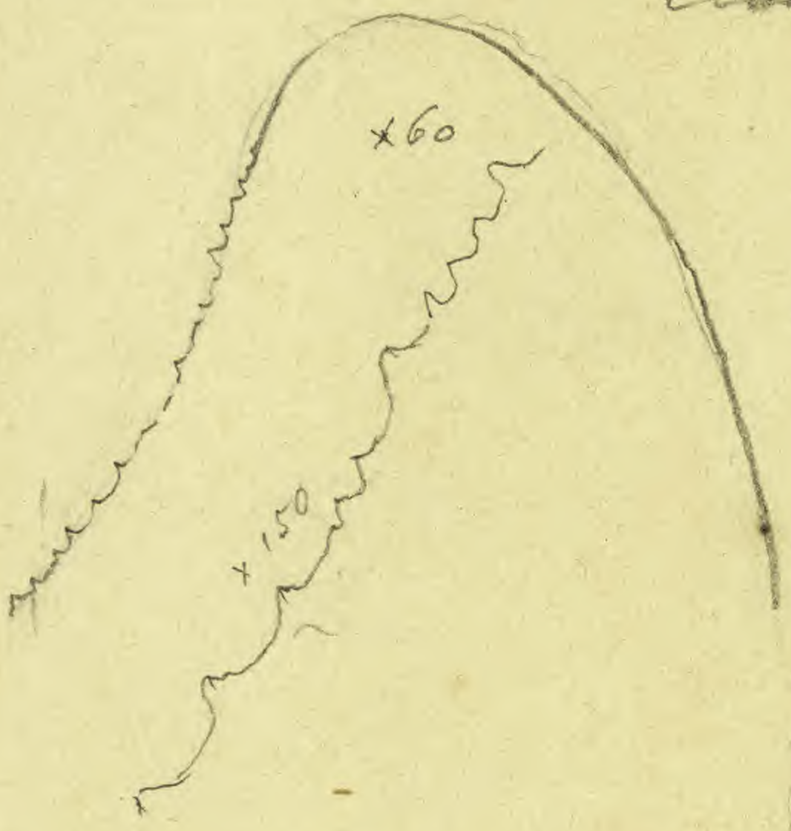
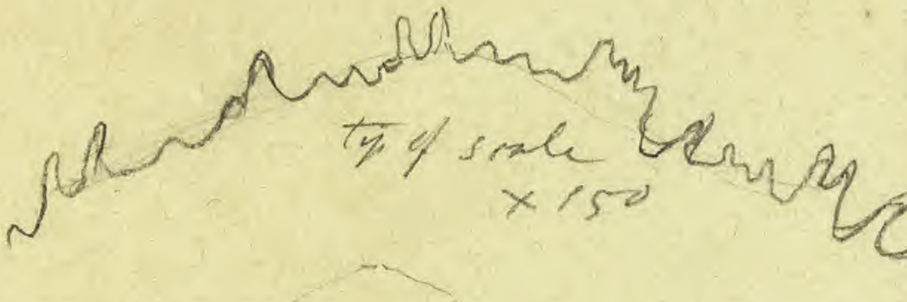
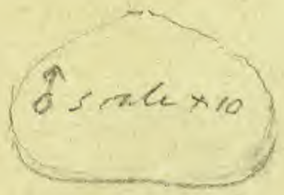
Cupressus Goveniana

Nov 21 1881

Clear Lake, Brewer № 1861 № 862







Cones globose 9 lines Diam
scales 6–8, knobbed
very obtusely in the middle

glands indistinct

very narrow wing or margin

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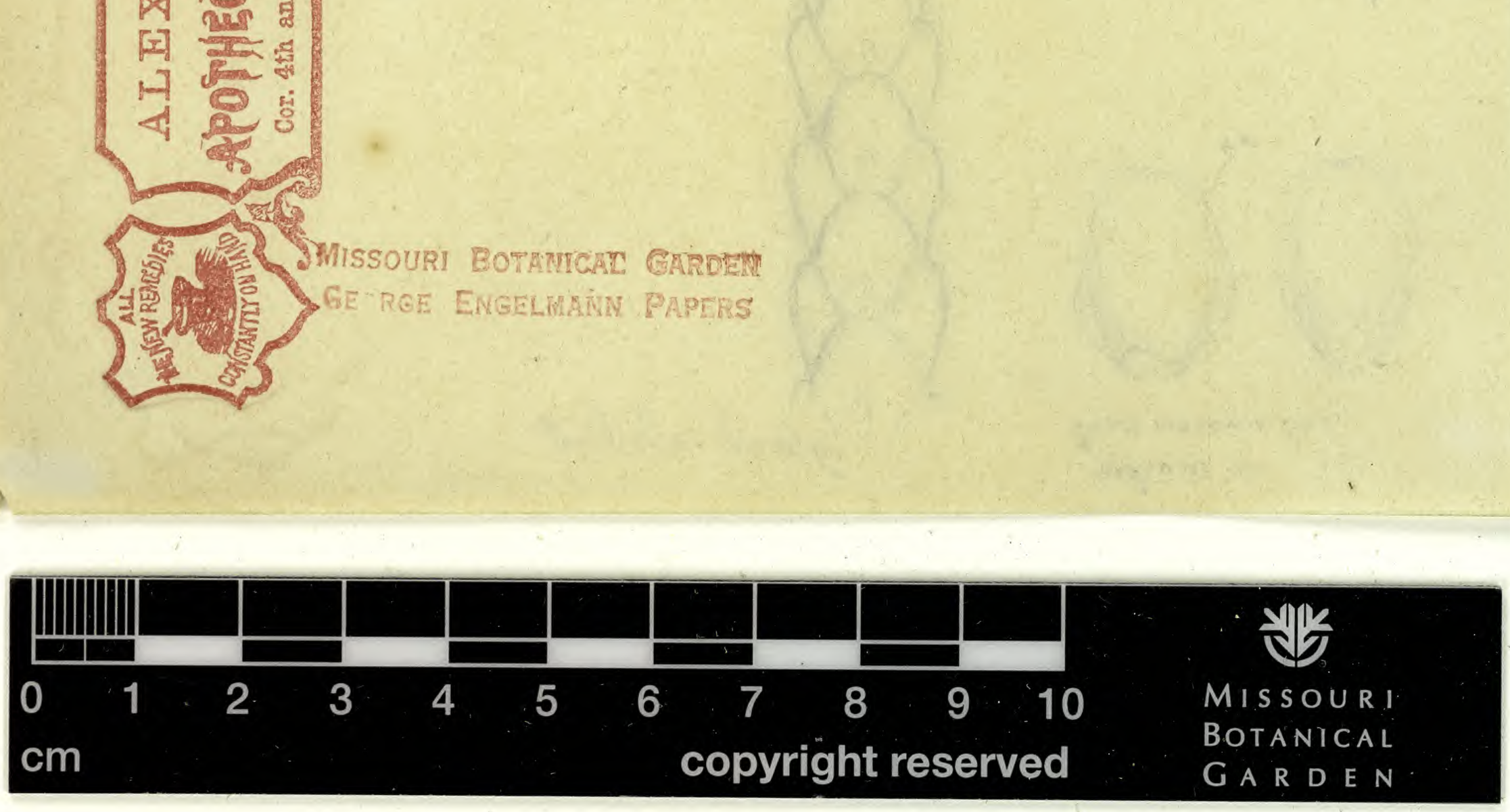

Nov 23 1881

Capparis Jamaicensis

Stem and of Jamaica, Bot. Mag.

Copies with 10 scales
9-12 lines diam
Plant Knob & receptacle

×60

×150

size of immature seed

×10

×10

×4

Immature seed

Brown mss.
(Bot. Mag. Jam.)
Jamaica

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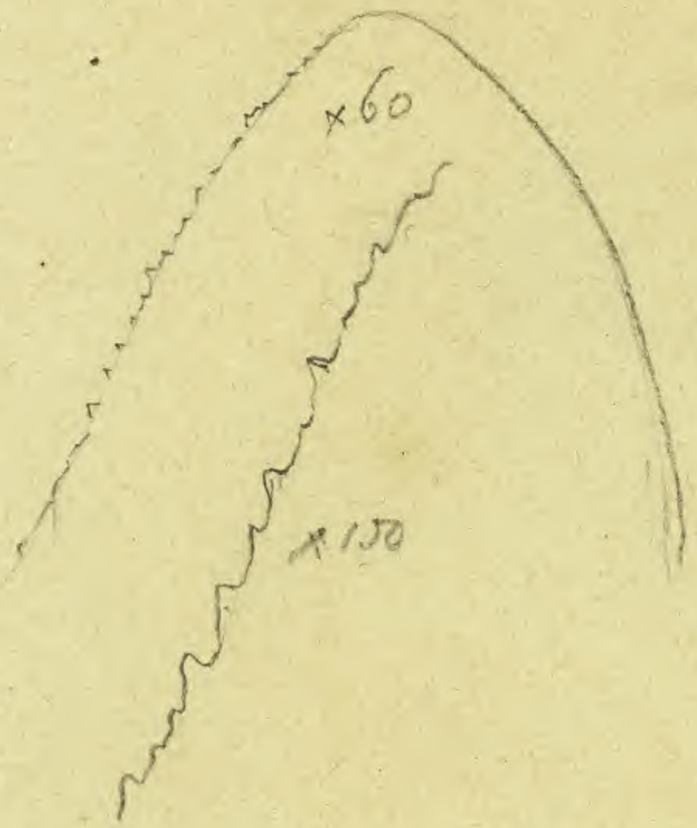
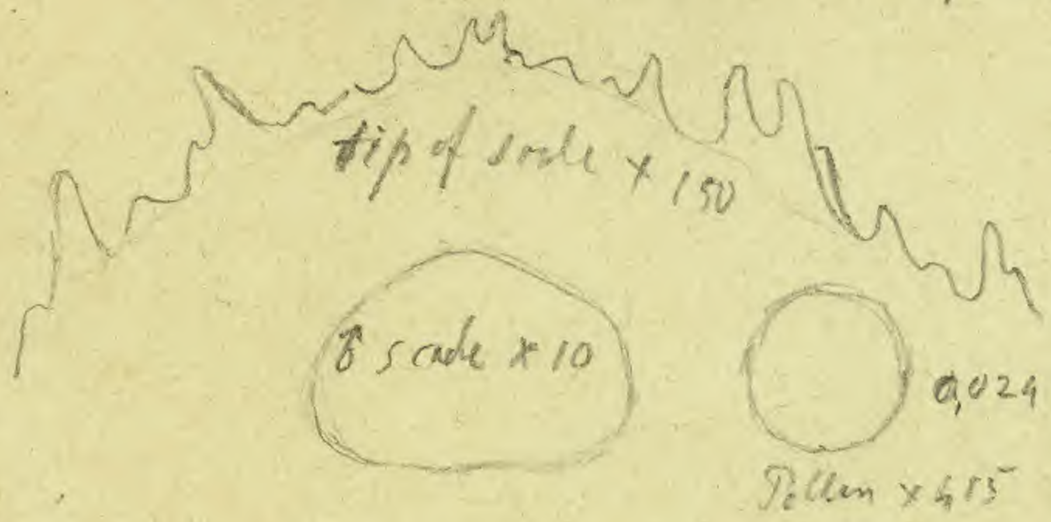
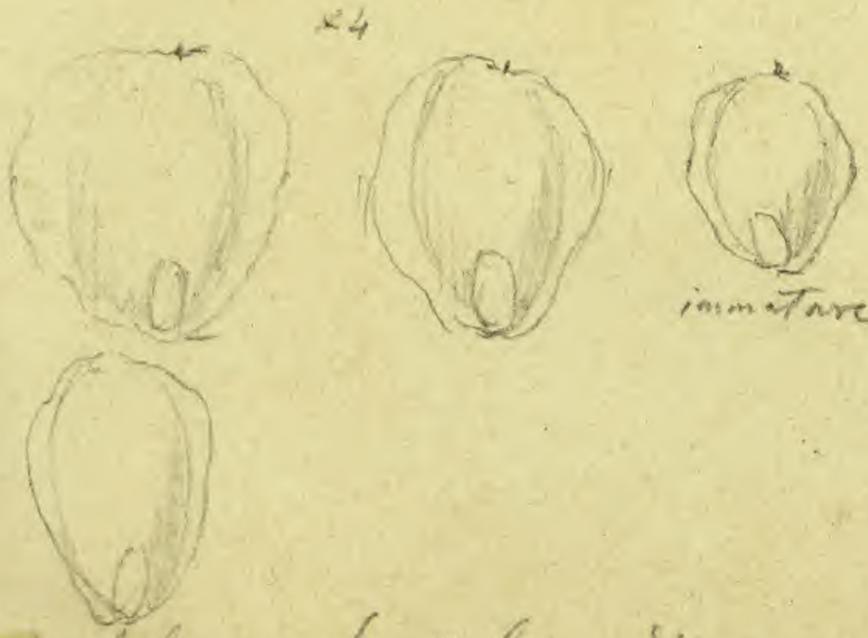
Cupressus Goveniana Nov 22 1781

Mendocino, Bolander May 1866







Cones globose 6–8 lines diam, scales 6–8 keeled obtusely near middle

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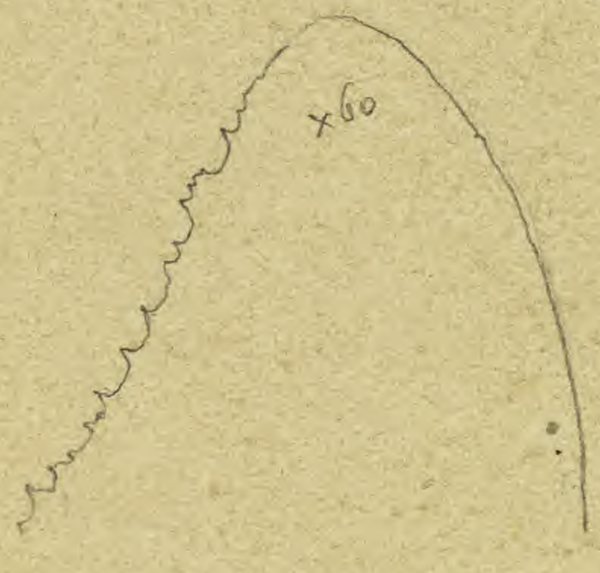
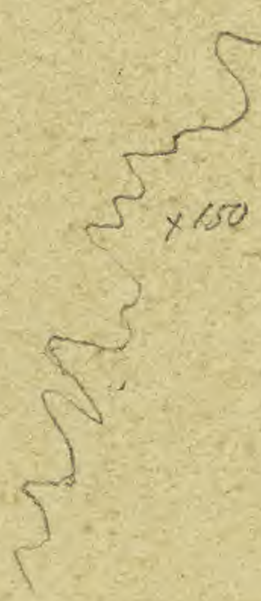
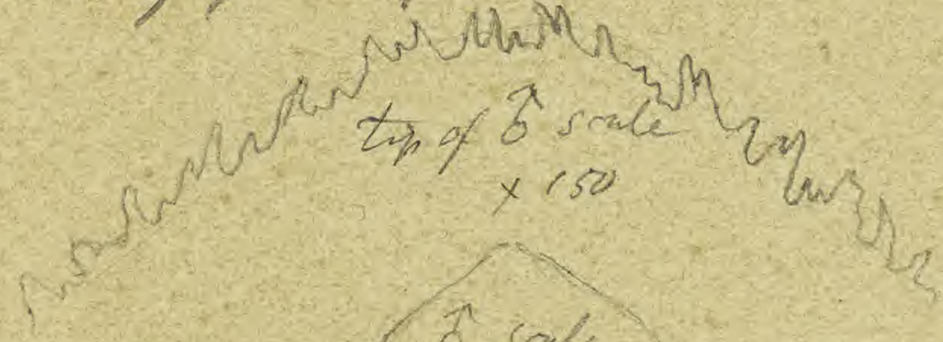
Cupressus Forbesiana

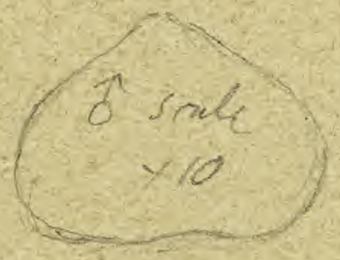
Nov 23 1881

Monterey, Calif. Obs Cañon, 10–15 feet high









Cones with 8 scales, 9 lines diam

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Cupressus Goveniana
Gasper, Mendocino Co
Philip 1880

Dec 11 1881

Jan ft. tetragons on edge of scales

Immature tree with glaucous foliage

×150

×10

anther sac

×60

×150

×4

×10

glands very indistinct

immature seed 1½–1¾ lines strongly ridged not dotted

Cones 8–10 scales, knob slightly above middle, with a very distinct flat adpressed beak (beaut)

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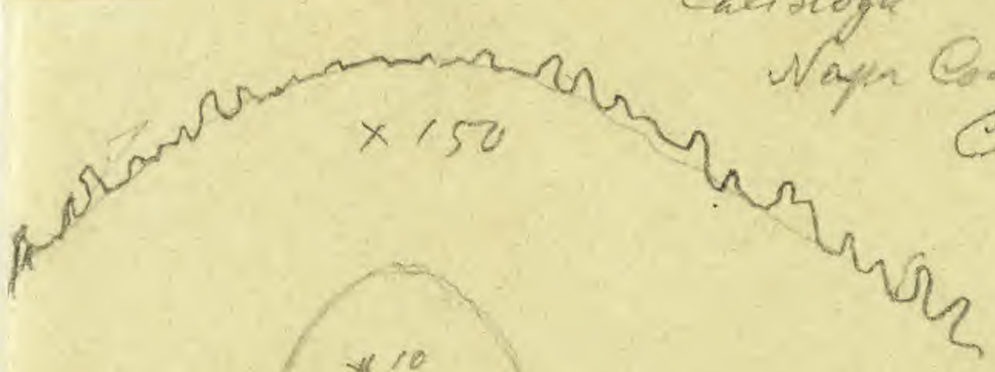
Jeun fl. Terete

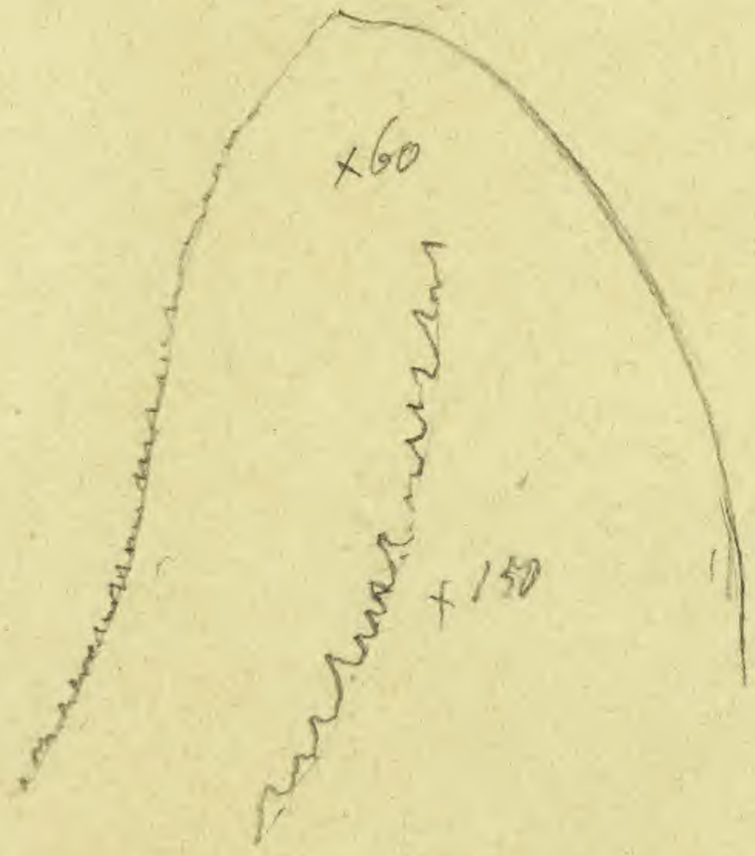
Campanula Jorensiana

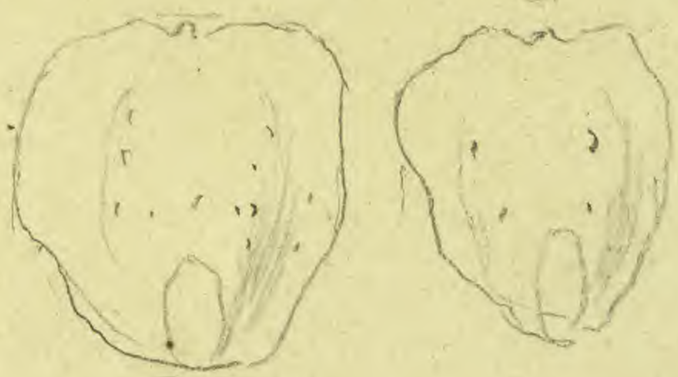
Dec 11 1891

Calistoga
Napa County
Calif

Philip Zisher







seeds 2½ times Long
slightly dotted

Cons 9–10 times down.

4 or mostly 6 scales black knobs

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brst.
Forsk.
t.
ziesii Endl.
ium Ait.
DC.

Monterey

Pinus Sabiniana

(originally from Monterey)

Needles slender

leaves more scarce, thinly distributed,

scarcer scales obtuse with abortive end

Than leaves

Cones 6–8 scales pedunculate mostly as long as Cone

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Cupressus macrocarpa
Monterey Belvedere 1866

Nov 20 1881

×150

×60

scale of male fl. ×60

S.E. 1880

edge of scale × 150

×10

glands distant

Brewer
Monterey
×10

glands elongated

×150

Valley
Monterey

= Brewer

×4

Host Thrust are the same, narrow, thick, numerous, angular

8–12 lines Dia

Cones thick oval to globose, scales 4–6 pairs, 8–12 lines

scale of ♂
×10

transversely oval
with a short
a broad mucro

Knobs blunt, near the center (cultivated, Antibes, have 4 pairs, 8 sc

mostly 5 pairs 10 sc.

HOTEL TELLTALE
Telltale Hotel & Restaurant
Tumwater, Washington

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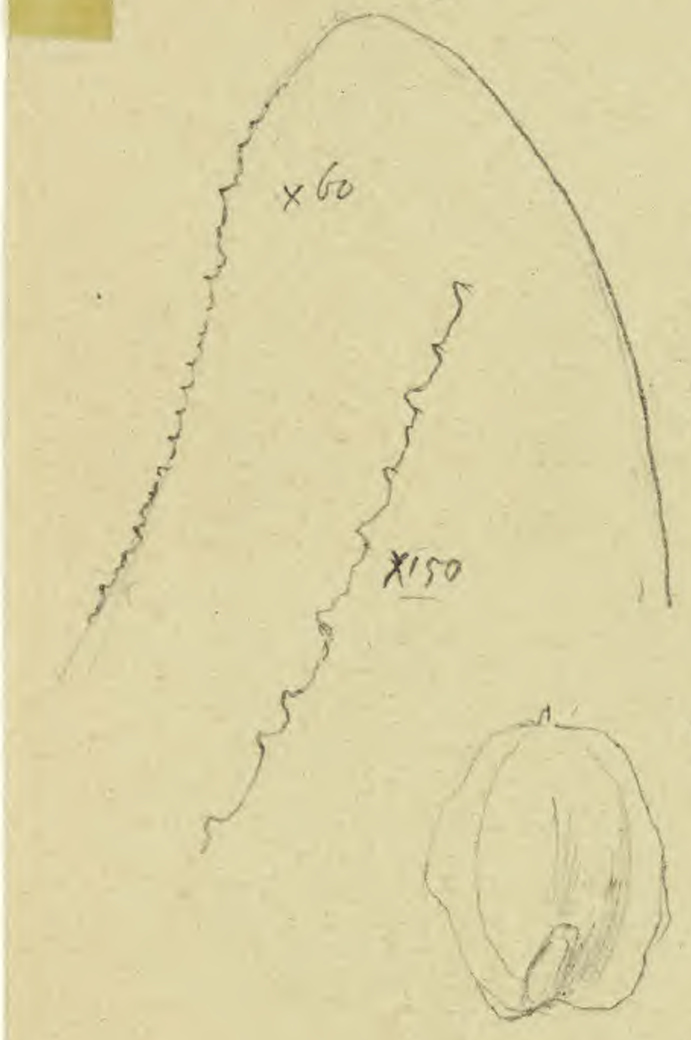
Cupressus macrocarpa

Nov 23 1871

Monterey Beaver 1861 Tree 18 feet circumfr



Cones 9 lines diam, larger ones oval
all with 10 or usually 12 scales

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Southern Cupressus Goveniana ?

Dec 12 1881

Santa Lucia Mountains Calif

J. A Veatch 1880

over

Cones 2–9 lin. diam.

6 scales

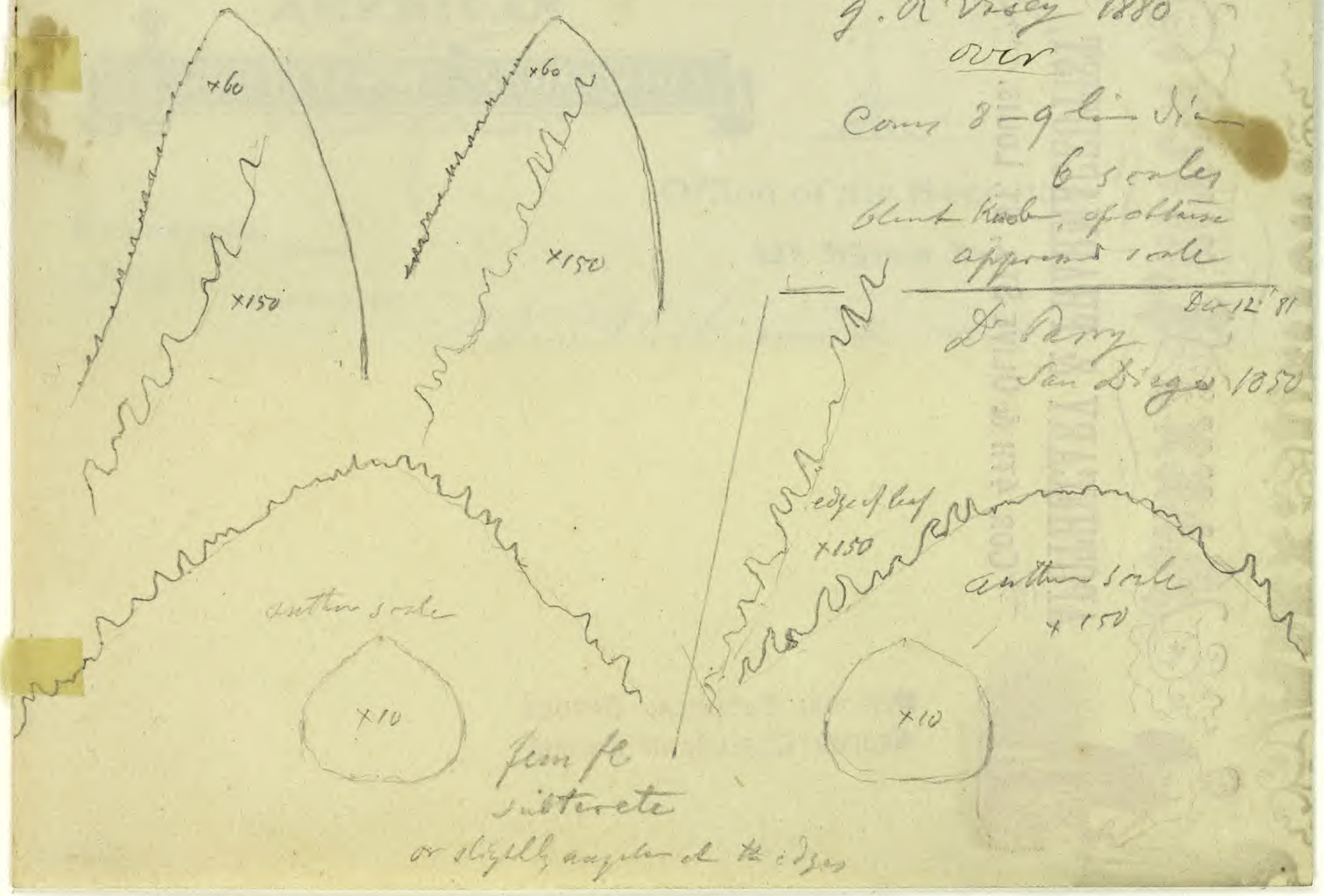
blunt knob, of obtuse

apparent scale

Dec 12 '81

Dr Parry

San Diego 1850



from St
intricate
or slightly angular at the edges

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Vasey writes:

Cupressus on east and west slopes of Santa Lucia Mountains, sometimes 50 feet high and 2 feet in diam.

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Dr. Philips. in a letter says: C.S. Sargent writes Dec 1881:

"Caspar. Mendocino Co. is nearly the northern
limit of this Cypress and extends South 30 miles. further
more. not found far from the coast and
attains the largest size in the favorite habitat
on river
in the ravines & gulches just before reaching.
level plateaus. Also grows on the hot
somewhat stunted owing to winds. Fine
ornamental nearly
ornamental tree. one seen nearly 8 ft. diameter.
used here by me for telegraph. poles".

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Cupressus sempervirens L. sp.

Var. C. Govenniana Hortorum.

leaves with short teeth, of the dist. —
— more obtuse —

subacute
cones 6–10, usually 8, usually 4 scales

anther-cells obtuse, much more strongly dentate-lobed than leaves

Branchlets nearly short, at right angles to stem

T. F. Allen, M. D.
10 East 36th Street,

New York, Nov. 23d 1881

Dear Sir

Thanks. You shall hear from them soon and from other remarkably evoluted forms.

Yrs T F Allen